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## Collagen-binding proteins of rat mammary tumor epithelial cells: a biochemical and immunological study.

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Services

Wirl G, Pfaffle M.

Institut fur Molekularbiologie der Österreichischen Akademie der Wissenschaften, Salzburg, Austria.

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Resources

Collagen-binding proteins were studied in mammary epithelial cells of 7,12-dimethylbenz[a]anthracene-induced rat mammary tumors. These proteins can be solubilized from cell membranes with 0.1% Triton. Using affinity chromatography on type I collagen-Sepharose and polyacrylamide slab gel electrophoresis, three major proteins of 34,000, 36,000, and 38,000 Da were found. Similar proteins were also present in several other cell types, including both epithelial and mesenchymal cells. Pulse-chase experiments did not indicate a precursor-product relationship of these proteins. Tryptic/chymotryptic peptide maps, however, revealed that the 36,000- and 38,000-Da proteins are very similar but are quite different from the 34,000-Da molecular form. The distribution and function of these proteins were then analyzed by using polyclonal antibodies directed against the entire set of major proteins. In immunofluorescence studies we observed a dense, punctate distribution of fluorescence on the cell surface of isolated and unfixed epithelial organoids and a bright pericellular staining in cultures after fixation. Treatment with the antiserum did not affect attachment and spreading of cuboidal mammary cells to plastic or to a collagen substratum. However, when the antiserum was added to the medium of growing cuboidal cells, it caused the formation of duct-like structures. These studies indicate that collagen-binding proteins may play a role in mammary gland morphology.

PMID: 2836228 [PubMed - indexed for MEDLINE]

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(FILE 'HOME' ENTERED AT 15:53:59 ON 28 FEB 2002)

FILE 'BIOSIS, CABA, CAPLUS, EMBASE, LIFESCI, MEDLINE, SCISEARCH,  
USPATFULL, JAPIO' ENTERED AT 15:54:40 ON 28 FEB 2002

L1	276 S HOOK, MAGNUS/AU
L2	18 S L1 AND COLLAGEN BINDING PROTEIN
L3	14 DUP REM L2 (4 DUPLICATES REMOVED)
L4	14 S PATTI, JOSEPH/AU
L5	14 DUP REM L4 (0 DUPLICATES REMOVED)
L6	19 S HOUSE-POMPEO, KAREN/AU
L7	11 DUP REM L6 (8 DUPLICATES REMOVED)

1

ACCESSION NUMBER: 2001:534391 BIOSIS  
 DOCUMENT NUMBER: PREV200100534391  
 TITLE: **Collagen binding protein**  
 compositions and methods of use.  
 AUTHOR(S): **Hook, Magnus**; Patti, Joseph M. (1); House-Pompeo,  
 Karen; Sthanam, Narayana; Symersky, Jindrich  
 CORPORATE SOURCE: (1) Missouri City, TX USA  
 ASSIGNEE: Texas A&M University Systems, College Station,  
 TX, USA  
 PATENT INFORMATION: US 6288214 September 11, 2001  
 SOURCE: Official Gazette of the United States Patent and Trademark  
 Office Patents, (Sep. 11, 2001) Vol. 1250, No. 2, pp. No  
 Pagination. e-file.  
 ISSN: 0098-1133.  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English

L3 ANSWER 2 OF 14 CAPLUS COPYRIGHT 2002 ACS  
 ACCESSION NUMBER: 2001:713175 CAPLUS  
 DOCUMENT NUMBER: 135:271897  
 TITLE: Cross-reactive displacing antibodies from  
**collagen-binding proteins**  
 and method of identification and use  
 INVENTOR(S): **Hook, Magnus**; Xu, Yi; Speziale, Pietro;  
 Visai, Livia; Casolini, Fabrizia; Patti, Joseph;  
 Patel, Pratiksha; Domanski, Paul  
 PATENT ASSIGNEE(S): Inhibitex, Inc., USA; Texas A + M University System;  
 Universita' Degli Studi di Pavia  
 SOURCE: PCT Int. Appl., 107 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001070267	A1	20010927	WO 2001-US8554	20010319
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,			
	CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM,			
	HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS,			
	LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO,			
	RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN,			
	YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,			
	DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF,			
	BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
PRIORITY APPLN. INFO.:			US 2000-189968	P 20000317
			US 2000-199370	P 20000425
			US 2000-225402	P 20000815
REFERENCE COUNT:	4	THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT		

L3 ANSWER 3 OF 14 CAPLUS COPYRIGHT 2002 ACS  
 ACCESSION NUMBER: 2000:814496 CAPLUS  
 DOCUMENT NUMBER: 133:366397  
 TITLE: **Collagen-binding proteins**  
 from enterococcal bacteria for prevention of infection  
 INVENTOR(S): Rich, Rebecca L.; Kriekemeyer, Bernd; Owens, Richard  
 T.; **Hook, Magnus**; Murray, Barbara E.;  
 Nallapareddy, Sreedhar R.; Qin, Xiang; Weinstock,  
 George M.; Singh, Kvindra V.; Duh, Ruay-wang

PATENT ASSIGNEE(S): The Texas A & M University System, USA; University of Texas Medical School  
 SOURCE: PCT Int. Appl., 148 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000068242	A1	20001116	WO 2000-US12590	20000510
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
EP 1177203	A1	20020206	EP 2000-935885	20000510
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				

PRIORITY APPLN. INFO.: US 1999-133334 P 19990510  
 WO 2000-US12590 W 20000510  
 REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 4 OF 14 CAPLUS COPYRIGHT 2002 ACS  
 ACCESSION NUMBER: 2000:161169 CAPLUS  
 DOCUMENT NUMBER: 132:212703  
 TITLE: Multicomponent vaccines for prevention of staphylococcal infections  
 INVENTOR(S): Patti, Joseph M.; Foster, Timothy J.; **Hook, Magnus**  
 PATENT ASSIGNEE(S): Inhibitex, Inc., USA; The Texas A & M University System; The Provost Fellows and Scholars of the College of the Holy and Undivided Trinity of Queen Elizabeth Near Dublin  
 SOURCE: PCT Int. Appl., 115 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000012131	A1	20000309	WO 1999-US19727	19990831
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
AU 9955889	A1	20000321	AU 1999-55889	19990831
EP 1109577	A1	20010627	EP 1999-942533	19990831
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
BR 9913340	A	20011106	BR 1999-13340	19990831

PRIORITY APPLN. INFO.: US 1998-98439 P 19980831  
WO 1999-US19727 W 19990831  
REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 5 OF 14 CAPLUS COPYRIGHT 2002 ACS  
ACCESSION NUMBER: 2001:15307 CAPLUS  
DOCUMENT NUMBER: 134:177050  
TITLE: Monoclonal antibodies to CNA, a collagen-binding  
microbial surface component recognizing adhesive  
matrix molecules, detach Staphylococcus aureus from a  
collagen substrate  
AUTHOR(S): Visai, Livia; Xu, Yi; Casolini, Fabrizia; Rindi,  
Simonetta; **Hook, Magnus**; Speziale, Pietro  
CORPORATE SOURCE: Department of Biochemistry, University of Pavia,  
Pavia, I-27100, Italy  
SOURCE: J. Biol. Chem. (2000), 275(51), 39837-39845  
CODEN: JBCHA3; ISSN: 0021-9258  
PUBLISHER: American Society for Biochemistry and Molecular  
Biology  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 35 THERE ARE 35 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 6 OF 14 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.DUPLICATE  
2  
ACCESSION NUMBER: 2000:112864 BIOSIS  
DOCUMENT NUMBER: PREV200000112864  
TITLE: Novel fold and assembly of the repetitive B region of the  
Staphylococcus aureus collagen-binding surface protein.  
AUTHOR(S): Deivanayagam, Champion C. S.; Rich, Rebecca L.; Carson,  
Mike; Owens, Rick T.; Danthuluri, Sita; Bice, Todd;  
**Hook, Magnus**; Narayana, Sthanam V. L. (1)  
CORPORATE SOURCE: (1) Center for Macromolecular Crystallography, School of  
Optometry, 250 BHSB, University of Alabama at Birmingham,  
1918 University Boulevard, Birmingham, AL, 35294-0005 USA  
SOURCE: Structure (London), (Jan. 15, 2000) Vol. 8, No. 1, pp.  
67-78.  
ISSN: 0969-2126.  
DOCUMENT TYPE: Article  
LANGUAGE: English  
SUMMARY LANGUAGE: English

L3 ANSWER 7 OF 14 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.DUPLICATE  
3  
ACCESSION NUMBER: 1999:442976 BIOSIS  
DOCUMENT NUMBER: PREV199900442976  
TITLE: Trench-shaped binding sites promote multiple classes of  
interactions between collagen and the adherence receptors,  
alpha1beta1 integrin and Staphylococcus aureus Cna MSCRAMM.  
AUTHOR(S): Rich, Rebecca L. (1); Deivanayagam, Champion C. S.; Owens,  
Rick T.; Carson, Michael; Hook, Agneta; Moore, Dwight;  
Yang, Vivian W.-C.; Sthanam; Narayana, V. L.; **Hook,  
Magnus**  
CORPORATE SOURCE: (1) Center for Extracellular Matrix Biology, Institute of  
Biosciences and Technology, Texas A and M University,  
Houston, TX, 77030 USA  
SOURCE: Journal of Biological Chemistry, (Aug. 27, 1999) Vol. 274,  
No. 35, pp. 24906-24913.  
ISSN: 0021-9258.  
DOCUMENT TYPE: Article  
LANGUAGE: English  
SUMMARY LANGUAGE: English

L3 ANSWER 8 OF 14 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.DUPLICATE  
4

ACCESSION NUMBER: 1999:134490 BIOSIS  
DOCUMENT NUMBER: PREV199900134490  
TITLE: Crystallization and preliminary X-ray analysis of B-domain  
fragments of a Staphylococcus aureus **collagen-**  
**binding protein.**  
AUTHOR(S): Deivanayagam, Champion C. S.; Rich, Rebecca L.; Danthuluri,  
Sita; Owens, Rick T.; Patti, Joseph M.; **Hook,**  
**Magnus**; Delucas, Lawrence J.; Narayana, Sthanam V. L.  
(1)  
CORPORATE SOURCE: (1) Center Macromolecular Crystallography, Sch. Optometry,  
Univ. Ala. Birm., 286 BHSB, 1918 University Blvd.,  
Birmingham, AL 35294-0005 USA  
SOURCE: Acta Crystallographica Section D Biological  
Crystallography, (Feb., 1999) Vol. 55, No. 2, pp. 525-527.  
ISSN: 0907-4449.  
DOCUMENT TYPE: Article  
LANGUAGE: English

L3 ANSWER 9 OF 14 USPATFULL

ACCESSION NUMBER: 1998:159728 USPATFULL  
TITLE: **Collagen binding protein**  
as well as its preparation  
INVENTOR(S): Guss, Bengt, Uppsala, Sweden  
**Hook, Magnus**, Birmingham, AL, United States  
Jonsson, Hans, Uppsala, Sweden  
Lindberg, Martin, Uppsala, Sweden  
Patti, Joseph, Birmingham, AL, United States  
Signas, Christer, Uppsala, Sweden  
Switalski, Lech, Birmingham, AL, United States  
PATENT ASSIGNEE(S): Alfa Laval AB, Tumba, Sweden (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5851794		19981222
APPLICATION INFO.:	US 1995-447031		19950522 (8)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1992-861804, filed on 21 Aug 1992, now abandoned		

	NUMBER	DATE
PRIORITY INFORMATION:	SE 1990-3374	19901022
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Wax, Robert A.	
ASSISTANT EXAMINER:	Slobodyansky, Elizabeth	
LEGAL REPRESENTATIVE:	Burns, Doane, Swecker & Mathis	
NUMBER OF CLAIMS:	9	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	17 Drawing Figure(s); 14 Drawing Page(s)	
LINE COUNT:	1233	
CAS INDEXING IS AVAILABLE FOR THIS PATENT.		

L3 ANSWER 10 OF 14 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.

ACCESSION NUMBER: 1999:48316 BIOSIS  
DOCUMENT NUMBER: PREV199900048316  
TITLE: Surface protein adhesins of Staphylococcus aureus.  
AUTHOR(S): Foster, Timothy J. (1); **Hook, Magnus**  
CORPORATE SOURCE: (1) Microbiol. Dep., Moyne Inst. Preventive Med., Trinity  
Coll., Dublin 2 Ireland  
SOURCE: Trends in Microbiology, (Dec., 1998) Vol. 6, No. 12, pp.  
484-488.

ISSN: 0966-842X.

DOCUMENT TYPE: General Review  
LANGUAGE: English

L3 ANSWER 11 OF 14 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 1997:757033 CAPLUS

DOCUMENT NUMBER: 128:47296

TITLE: **Collagen binding protein**  
compositions and methods of use

INVENTOR(S): **Hook, Magnus**; Patti, Joseph M.; House  
Pompeo, Karen; Sthanam, Narayana; Symersky, Jindrich  
PATENT ASSIGNEE(S): Texas A & M University System, USA; Uab Research  
Foundation; Hook, Magnus; Patti, Joseph M.;  
House-Pompeo, Karen; Sthanam, Narayana; Symersky,  
Jindrich

SOURCE: PCT Int. Appl., 143 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9743314	A2	19971120	WO 1997-US8210	19970514
WO 9743314	A3	19971224		
W:	AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG			
AU 9731260	A1	19971205	AU 1997-31260	19970514
EP 950068	A2	19991020	EP 1997-926514	19970514
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI			
US 6288214	B1	20010911	US 1997-856253	19970514
PRIORITY APPLN. INFO.:			US 1996-17678	P 19960516
			WO 1997-US8210	W 19970514

L3 ANSWER 12 OF 14 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 1992:528130 CAPLUS

DOCUMENT NUMBER: 117:128130

TITLE: **A collagen-binding protein**  
from Staphylococcus aureus and its preparation

INVENTOR(S): Guss, Bengt Mikael; **Hook, Magnus**; Jonsson,  
Hans; Lindberg, Kjell Martin; Patti, Joseph; Signaes,  
Lars Christer; Switalski, Lech M.

PATENT ASSIGNEE(S): Alfa-Laval Agri International Aktiebolag, Swed.

SOURCE: PCT Int. Appl., 44 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9207002	A1	19920430	WO 1991-SE707	19911022
W:	AU, CA, FI, HU, JP, NO, US			
RW:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LU, NL, SE			
CA 2071950	AA	19920423	CA 1991-2071950	19911022

AU 9187518	A1	19920520	AU 1991-87518	19911022
AU 652587	B2	19940901		
EP 506923	A1	19921007	EP 1991-918842	19911022
EP 506923	B1	19960619		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE				
JP 05505943	T2	19930902	JP 1991-517169	19911022
HU 64369	A2	19931228	HU 1992-2074	19911022
AT 139541	E	19960715	AT 1991-918842	19911022
ES 2090357	T3	19961016	ES 1991-918842	19911022
HU 219679	B	20010628	HU 1974-92020	19911022
FI 9202865	A	19920618	FI 1992-2865	19920618
NO 9202421	A	19920820	NO 1992-2421	19920619
US 5851794	A	19981222	US 1995-447031	19950522
NO 9700113	A	19970110	NO 1997-113	19970110
PRIORITY APPLN. INFO.:			SE 1990-3374	A 19901022
			WO 1991-SE707	A 19911022
			US 1992-861804	B1 19920821

L3 ANSWER 13 OF 14 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 1993:163505 CAPLUS

DOCUMENT NUMBER: 118:163505

TITLE: Molecular characterization and expression of a gene encoding a Staphylococcus aureus collagen adhesin

AUTHOR(S): Patti, Joseph M.; Jonsson, Hans; Guss, Bengt; Switalski, Lech M.; Wiberg, Kristina; Lindberg, Martin; **Hook, Magnus**

CORPORATE SOURCE: Dep. Biochem., Univ. Alabama, Birmingham, AL, 35294-0005, USA

SOURCE: J. Biol. Chem. (1992), 267(7), 4766-72  
CODEN: JBCHA3; ISSN: 0021-9258

DOCUMENT TYPE: Journal

LANGUAGE: English

L3 ANSWER 14 OF 14 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 1993:424183 CAPLUS

DOCUMENT NUMBER: 119:24183

TITLE: Collagen receptor of Staphylococcus aureus

AUTHOR(S): Switalski, Lech M.; Butcher, Wade G.; Patti, Joseph M.; Speziale, Pietro; Gristina, Anthony G.; **Hook, Magnus**

CORPORATE SOURCE: Univ. Pittsburgh, Pittsburgh, PA, 15261, USA

SOURCE: Microb. Adhes. Invasion, [Proc. Symp.] (1992), Meeting Date 1990, 101-14. Editor(s): **Hook, Magnus; Switalski, Lech.** Springer: New York, N. Y.  
CODEN: 58SJAY

DOCUMENT TYPE: Conference; General Review

LANGUAGE: English

=>



ANSWER 1 OF 14 CAPLUS COPYRIGHT 2002 ACS  
 ACCESSION NUMBER: 2001:713175 CAPLUS  
 DOCUMENT NUMBER: 135:271897  
 TITLE: Cross-reactive displacing antibodies from  
 collagen-binding proteins and method of identification  
 and use  
 INVENTOR(S): Hook, Magnus; Xu, Yi; Speziale, Pietro; Visai, Livia;  
 Casolini, Fabrizia; **Patti, Joseph**; Patel,  
 Pratiksha; Domanski, Paul  
 PATENT ASSIGNEE(S): Inhibitex, Inc., USA; Texas A + M University System;  
 Universita' Degli Studi di Pavia  
 SOURCE: PCT Int. Appl., 107 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001070267	A1	20010927	WO 2001-US8554	20010319
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
PRIORITY APPLN. INFO.:			US 2000-189968	P 20000317
			US 2000-199370	P 20000425
			US 2000-225402	P 20000815
REFERENCE COUNT:	4	THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT		

L5 ANSWER 2 OF 14 USPATFULL  
 ACCESSION NUMBER: 1998:159728 USPATFULL  
 TITLE: Collagen binding protein as well as its preparation  
 INVENTOR(S): Guss, Bengt, Uppsala, Sweden  
 Hook, Magnus, Birmingham, AL, United States  
 Jonsson, Hans, Uppsala, Sweden  
 Lindberg, Martin, Uppsala, Sweden  
**Patti, Joseph**, Birmingham, AL, United States  
 Signas, Christer, Uppsala, Sweden  
 Switalski, Lech, Birmingham, AL, United States  
 PATENT ASSIGNEE(S): Alfa Laval AB, Tumba, Sweden (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5851794		19981222
APPLICATION INFO.:	US 1995-447031		19950522 (8)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1992-861804, filed on 21 Aug 1992, now abandoned		

  

	NUMBER	DATE
PRIORITY INFORMATION:	SE 1990-3374	19901022
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Wax, Robert A.	
ASSISTANT EXAMINER:	Slobodyansky, Elizabeth	
LEGAL REPRESENTATIVE:	Burns, Doane, Swecker & Mathis	
NUMBER OF CLAIMS:	9	

EXEMPLARY CLAIM: 1  
NUMBER OF DRAWINGS: 17 Drawing Figure(s); 14 Drawing Page(s)  
LINE COUNT: 1233  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 3 OF 14 CAPLUS COPYRIGHT 2002 ACS  
ACCESSION NUMBER: 1992:528130 CAPLUS  
DOCUMENT NUMBER: 117:128130  
TITLE: A collagen-binding protein from Staphylococcus aureus  
and its preparation  
INVENTOR(S): Guss, Bengt Mikael; Hook, Magnus; Jonsson, Hans;  
Lindberg, Kjell Martin; **Patti, Joseph**;  
Signaes, Lars Christer; Switalski, Lech M.  
PATENT ASSIGNEE(S): Alfa-Laval Agri International Aktiebolag, Swed.  
SOURCE: PCT Int. Appl., 44 pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9207002	A1	19920430	WO 1991-SE707	19911022
W: AU, CA, FI, HU, JP, NO, US				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LU, NL, SE				
CA 2071950	AA	19920423	CA 1991-2071950	19911022
AU 9187518	A1	19920520	AU 1991-87518	19911022
AU 652587	B2	19940901		
EP 506923	A1	19921007	EP 1991-918842	19911022
EP 506923	B1	19960619		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE				
JP 05505943	T2	19930902	JP 1991-517169	19911022
HU 64369	A2	19931228	HU 1992-2074	19911022
AT 139541	E	19960715	AT 1991-918842	19911022
ES 2090357	T3	19961016	ES 1991-918842	19911022
HU 219679	B	20010628	HU 1974-92020	19911022
FI 9202865	A	19920618	FI 1992-2865	19920618
NO 9202421	A	19920820	NO 1992-2421	19920619
US 5851794	A	19981222	US 1995-447031	19950522
NO 9700113	A	19970110	NO 1997-113	19970110
PRIORITY APPLN. INFO.:			SE 1990-3374	A 19901022
			WO 1991-SE707	A 19911022
			US 1992-861804	B1 19920821

L5 ANSWER 4 OF 14 CAPLUS COPYRIGHT 2002 ACS  
ACCESSION NUMBER: 1980:525945 CAPLUS  
DOCUMENT NUMBER: 93:125945  
TITLE: Effect of triiodothyronine and reserpine on induction  
and growth of mammary tumors in rats by  
3-methylcholanthrene  
AUTHOR(S): Gerard, Serge St.; Gardner, Bernard; **Patti,**  
**Joseph**; Husain, Vafarul; Shouten, Jeffrey;  
Alfonso, Antonio E.  
CORPORATE SOURCE: Downstate Med. Cent., State Univ. New York, Brooklyn,  
NY, 11203, USA  
SOURCE: J. Surg. Oncol. (1980), 14(3), 213-18  
CODEN: JSONAU; ISSN: 0022-4790  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L5 ANSWER 5 OF 14 CAPLUS COPYRIGHT 2002 ACS  
ACCESSION NUMBER: 1978:575774 CAPLUS  
DOCUMENT NUMBER: 89:175774

TITLE: Prevention of hepatic metastases by intravenous radioactive gold  
AUTHOR(S): Alfonso, Antonio E.; Hassan, Ali; Gardner, Bernard; Stein, Sidney; **Patti, Joseph**; Solomon, Nathan A.; McCarthy, Joseph; Steigman, Joseph  
CORPORATE SOURCE: Downstate Med. Cent., State Univ. New York, Brooklyn, N. Y., USA  
SOURCE: Cancer Res. (1978), 38(9), 2740-4  
CODEN: CNREA8; ISSN: 0008-5472  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L5 ANSWER 6 OF 14 CAPLUS COPYRIGHT 2002 ACS  
ACCESSION NUMBER: 1978:102918 CAPLUS  
DOCUMENT NUMBER: 88:102918  
TITLE: The relationship of cholecystectomy and taurocholic acid feeding to bile composition and hepatocyte function in prairie dogs  
AUTHOR(S): Gardner, Bernard; Chenouda, Michel; Dennis, Charles; **Patti, Joseph**  
CORPORATE SOURCE: Downstate Med. Cent., State Univ. New York, Brooklyn, N. Y., USA  
SOURCE: Am. J. Surg. (1978), 135(1), 40-7  
CODEN: AJSUAB; ISSN: 0002-9610  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L5 ANSWER 7 OF 14 CAPLUS COPYRIGHT 2002 ACS  
ACCESSION NUMBER: 1977:463484 CAPLUS  
DOCUMENT NUMBER: 87:63484  
TITLE: The effect of para-aminobenzoic acid and taurocholic acid feeding on human bile composition  
AUTHOR(S): Gardner, Bernard; Dennis, Charles; **Patti, Joseph**; Chenouda, Michael  
CORPORATE SOURCE: Downstate Med. Cent., State Univ. New York, Brooklyn, N. Y., USA  
SOURCE: Surg., Gynecol. Obstet. (1977), 144(6), 879-82  
CODEN: SGOBA9  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L5 ANSWER 8 OF 14 CAPLUS COPYRIGHT 2002 ACS  
ACCESSION NUMBER: 1973:500726 CAPLUS  
DOCUMENT NUMBER: 79:100726  
TITLE: Effect of taurocholic acid and BSP [bromsulphalein] on conjugation patterns and suspension stability of human and rat bile  
AUTHOR(S): Gardner, Bernard; Masur, Richard; **Patti, Joseph**; Ostrowitz, Arthur  
CORPORATE SOURCE: Downstate Med. Cent., State Univ. New York, Brooklyn, N. Y., USA  
SOURCE: Amer. J. Surg. (1973), 125(2), 204-10  
CODEN: AJSUAB  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L5 ANSWER 9 OF 14 CAPLUS COPYRIGHT 2002 ACS  
ACCESSION NUMBER: 1972:125008 CAPLUS  
DOCUMENT NUMBER: 76:125008  
TITLE: Effect of .beta.-aminopropionitrile on tumor metastases in the rat  
AUTHOR(S): Gordon, Mark; Zykorie, Stuart; Gardner, Bernard; **Patti, Joseph**; Gray, Henry  
CORPORATE SOURCE: Downstate Med. Cent., State Univ. New York, Brooklyn,

SOURCE: N. Y., USA  
Cancer (Philadelphia) (1972), 29(2), 509-16  
CODEN: CANCAR  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L5 ANSWER 10 OF 14 CAPLUS COPYRIGHT 2002 ACS  
ACCESSION NUMBER: 1975:122839 CAPLUS  
DOCUMENT NUMBER: 82:122839  
TITLE: Conjugation patterns of rat bile salts and their  
relationship to lithocholic acid stone dissolution  
AUTHOR(S): Masur, Richard; Gardner, Bernard; **Patti,**  
**Joseph**; Ostrowitz, Arthur  
CORPORATE SOURCE: Downstate Med. Cent., State Univ. New York, Brooklyn,  
N. Y., USA  
SOURCE: Surg. Forum (1972), 23, 358-9  
CODEN: SUFOAX  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L5 ANSWER 11 OF 14 CAPLUS COPYRIGHT 2002 ACS  
ACCESSION NUMBER: 1972:54857 CAPLUS  
DOCUMENT NUMBER: 76:54857  
TITLE: Suspension stability of hepatic bile in patients  
receiving taurine and bromsulfophthalein (BSP)  
AUTHOR(S): Masur, Richard; **Patti, Joseph**; Gardner,  
Bernard  
CORPORATE SOURCE: Downstate Med. Cent., State Univ. New York, Brooklyn,  
N. Y., USA  
SOURCE: Surg. Forum (1971), 22, 373-6  
CODEN: SUFOAX  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L5 ANSWER 12 OF 14 CAPLUS COPYRIGHT 2002 ACS  
ACCESSION NUMBER: 1970:496668 CAPLUS  
DOCUMENT NUMBER: 73:96668  
TITLE: Effects of parathyroid extract on tumor metastases and  
growth rate  
AUTHOR(S): Jones, Humphrey; Hedayati, Hossein; **Patti,**  
**Joseph**; Gardner, Bernard  
CORPORATE SOURCE: Downstate Med. Center, State Univ. of New York,  
Brooklyn, N. Y., USA  
SOURCE: Curr. Top. Surg. Res. (1970), Volume Date 1969, 2,  
257-66  
CODEN: CTSRBR  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L5 ANSWER 13 OF 14 CAPLUS COPYRIGHT 2002 ACS  
ACCESSION NUMBER: 1969:499806 CAPLUS  
DOCUMENT NUMBER: 71:99806  
TITLE: Effect of hypocalcemia and vitamin D-induced  
hypercalcemia on the incidence of metastases in rats  
AUTHOR(S): Jones, Humphrey; **Patti, Joseph**; Stark, Alan;  
Gardner, Bernard  
CORPORATE SOURCE: Downstate Med. Center, State Univ. of New York,  
Brooklyn, N. Y., USA  
SOURCE: Cancer (Philadelphia) (1969), 24(3), 532-4  
CODEN: CANCAR  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L5 ANSWER 14 OF 14 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 1954:79249 CAPLUS  
DOCUMENT NUMBER: 48:79249  
ORIGINAL REFERENCE NO.: 48:13953g  
TITLE: Mouse sarcoma 180 inhibition tests  
AUTHOR(S): **Patti, Joseph**  
SOURCE: Cancer Research (1953), (Suppl. 1), 65-7  
DOCUMENT TYPE: Journal  
LANGUAGE: Unavailable

=>

L7 ANSWER 1 OF 11 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.DUPLICATE

1

ACCESSION NUMBER: 2001:534391 BIOSIS  
DOCUMENT NUMBER: PREV200100534391  
TITLE: Collagen binding protein compositions and methods of use.  
AUTHOR(S): Hook, Magnus; Patti, Joseph M. (1); **House-Pompeo, Karen**; Sthanam, Narayana; Symersky, Jindrich  
CORPORATE SOURCE: (1) Missouri City, TX USA  
ASSIGNEE: Texas A&M University Systems, College Station, TX, USA  
PATENT INFORMATION: US 6288214 September 11, 2001  
SOURCE: Official Gazette of the United States Patent and Trademark Office Patents, (Sep. 11, 2001) Vol. 1250, No. 2, pp. No Pagination. e-file.  
ISSN: 0098-1133.  
DOCUMENT TYPE: Patent  
LANGUAGE: English

L7 ANSWER 2 OF 11 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 1997:757033 CAPLUS  
DOCUMENT NUMBER: 128:47296  
TITLE: Collagen binding protein compositions and methods of use  
INVENTOR(S): Hook, Magnus; Patti, Joseph M.; **House Pompeo, Karen**; Sthanam, Narayana; Symersky, Jindrich  
PATENT ASSIGNEE(S): Texas A & M University System, USA; Uab Research Foundation; Hook, Magnus; Patti, Joseph M.; House-Pompeo, Karen; Sthanam, Narayana; Symersky, Jindrich  
SOURCE: PCT Int. Appl., 143 pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9743314	A2	19971120	WO 1997-US8210	19970514
WO 9743314	A3	19971224		
W:	AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, IL, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG			
AU 9731260	A1	19971205	AU 1997-31260	19970514
EP 950068	A2	19991020	EP 1997-926514	19970514
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI			
US 6288214	B1	20010911	US 1997-856253	19970514
PRIORITY APPLN. INFO.:			US 1996-17678 P	19960516
			WO 1997-US8210 W	19970514

L7 ANSWER 3 OF 11 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.DUPLICATE

2

ACCESSION NUMBER: 1997:496500 BIOSIS  
DOCUMENT NUMBER: PREV199799795703  
TITLE: Structure of the collagen-binding domain from a Staphylococcus aureus adhesin.  
AUTHOR(S): Symersky, Jindrich; Patti, Joseph M.; Carson, Mike; **House-Pompeo, Karen**; Teale, Michael; Moore, Dwight;

Jin, Lei; Schneider, Amy; Delucas, Lawrence J.; Hook, Magnus; Narayana, Sthanam V. L. (1)  
CORPORATE SOURCE: (1) Cent. Macromolecular Crystallography, Univ. Ala. at Birmingham, Birmingham, AL 35294 USA  
SOURCE: Nature Structural Biology, (1997) Vol. 4, No. 10, pp. 833-838.  
ISSN: 1072-8368.  
DOCUMENT TYPE: Article  
LANGUAGE: English

L7 ANSWER 4 OF 11 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.DUPLICATE  
3  
ACCESSION NUMBER: 1997:361708 BIOSIS  
DOCUMENT NUMBER: PREV199799653641  
TITLE: Characterization of the interaction between the Staphylococcus aureus clumping factor (ClfA) and fibrinogen.  
AUTHOR(S): McDevitt, Damien; Nanavaty, Tamanna; **House-Pompeo, Karen**; Bell, Ewen; Turner, Nancy; McIntire, Larry; Foster, Timothy; Hook, Magnus (1)  
CORPORATE SOURCE: (1) Inst. Biosciences Technol., 2121 West Holcombe Blvd., Houston, TX 77030-3303 USA  
SOURCE: European Journal of Biochemistry, (1997) Vol. 247, No. 1, pp. 416-424.  
ISSN: 0014-2956.  
DOCUMENT TYPE: Article  
LANGUAGE: English

L7 ANSWER 5 OF 11 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.DUPLICATE  
4  
ACCESSION NUMBER: 1996:113636 BIOSIS  
DOCUMENT NUMBER: PREV199698685771  
TITLE: Conformational changes in the fibronectin binding MSCRAMMs are induced by ligand binding.  
AUTHOR(S): **House-Pompeo, Karen (1)**; Xu, Yun; Joh, Danny; Speziale, Pietro; Hook, Magnus  
CORPORATE SOURCE: (1) Cent. Extracellular Matrix Biol., Inst. Biosci. Technol., Tex. A and M Univ., Houston, TX 77030 USA  
SOURCE: Journal of Biological Chemistry, (1996) Vol. 271, No. 3, pp. 1379-1384.  
ISSN: 0021-9258.  
DOCUMENT TYPE: Article  
LANGUAGE: English

L7 ANSWER 6 OF 11 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.DUPLICATE  
5  
ACCESSION NUMBER: 1996:113635 BIOSIS  
DOCUMENT NUMBER: PREV199698685770  
TITLE: A monoclonal antibody enhances ligand binding of fibronectin MSCRAMM (adhesion) from Streptococcus dysgalactiae.  
AUTHOR(S): Speziale, Pietro; Joh, Danny; Visai, Livia; Bozzini, Silvia; **House-Pompeo, Karen**; Lindberg, Martin; Hook, Magnus (1)  
CORPORATE SOURCE: (1) Cent. Extracellular Matrix Biol., Inst. Biosci. Technol., Tex. A and M Univ., Houston, TX 77030 USA  
SOURCE: Journal of Biological Chemistry, (1996) Vol. 271, No. 3, pp. 1371-1378.  
ISSN: 0021-9258.  
DOCUMENT TYPE: Article  
LANGUAGE: English

L7 ANSWER 7 OF 11 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.DUPLICATE  
6

ACCESSION NUMBER: 1995:308952 BIOSIS  
DOCUMENT NUMBER: PREV199598323252  
TITLE: Critical Residues in the Ligand-binding Site of the  
Staphylococcus aureus Collagen-binding Adhesin (MSCRAMM.  
AUTHOR(S): Patti, Joseph M. (1); **House-Pompeo, Karen**; Boles,  
Jeffrey O.; Garza, Norma; Gurusiddappa, S.; Hook, Magnus  
CORPORATE SOURCE: (1) Albert B. Alkek Inst. Biosci. Technol., Texas A and M  
Univ., 2121 W. Holcombe Blvd., Houston, TX 77030 USA  
SOURCE: Journal of Biological Chemistry, (1995) Vol. 270, No. 20,  
pp. 12005-12011.  
ISSN: 0021-9258.  
DOCUMENT TYPE: Article  
LANGUAGE: English

L7 ANSWER 8 OF 11 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.  
ACCESSION NUMBER: 1995:521252 BIOSIS  
DOCUMENT NUMBER: PREV199598535552  
TITLE: Binding properties of recombinant human monoclonal  
antiphospholipid antibodies determined by surface plasmon  
resonance.  
AUTHOR(S): Myonmes, Barry L. (1); **House-Pompeo, Karen**;  
Voigin, Andrei Y. (1); Antonov, Ilya V. (1); Roubey, Robert  
A. S.; Peterson, Loren H. (1)  
CORPORATE SOURCE: (1) Baylor Coll. Med., Houston, TX 77030 USA  
SOURCE: Arthritis & Rheumatism, (1995) Vol. 38, No. 9 SUPPL., pp.  
S277.  
Meeting Info.: 59th National Scientific Meeting of the  
American College of Rheumatology and the 30th National  
Scientific Meeting of the Association of Rheumatology  
Health Professionals San Francisco, California, USA October  
21-26, 1995  
ISSN: 0004-3591.  
DOCUMENT TYPE: Conference  
LANGUAGE: English

L7 ANSWER 9 OF 11 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.DUPLICATE  
7  
ACCESSION NUMBER: 1994:320107 BIOSIS  
DOCUMENT NUMBER: PREV199497333107  
TITLE: Fibronectin receptors from gram-positive bacteria:  
Comparison of active sites.  
AUTHOR(S): Joh, Hyeon J. (1); **House-Pompeo, Karen**; Patti,  
Joseph M.; Gurusiddappa, S.; Hook, Magnus  
CORPORATE SOURCE: (1) Center Extracellular Matrix Biol., Albert B Alkek Inst.  
Biosci. Technol., Texas A M Univ., 2121 West Holcombe  
Boulevard, Houston, TX 77030 USA  
SOURCE: Biochemistry, (1994) Vol. 33, No. 20, pp. 6086-6092.  
ISSN: 0006-2960.  
DOCUMENT TYPE: Article  
LANGUAGE: English

L7 ANSWER 10 OF 11 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.DUPLICATE  
8  
ACCESSION NUMBER: 1994:500697 BIOSIS  
DOCUMENT NUMBER: PREV199497513697  
TITLE: Characterization of bacterial adhesin interactions with  
extracellular matrix components utilizing biosensor  
technology.  
AUTHOR(S): **House-Pompeo, Karen** (1); Boles, Jeffrey Oakley;  
Hook, Magnus  
CORPORATE SOURCE: (1) Center Extracellular Matrix Biol., Inst. Biosci.  
Technology, Texas A and M Univ., 2121 West Holcombe Blvd.,  
Houston, TX 77030 USA  
SOURCE: Methods (Orlando), (1994) Vol. 6, No. 2, pp. 134-142.



ISSN: 1046-2023.  
DOCUMENT TYPE: Article  
LANGUAGE: English

L7 ANSWER 11 OF 11 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.  
ACCESSION NUMBER: 1994:330422 BIOSIS  
DOCUMENT NUMBER: PREV199497343422  
TITLE: Comparison of fibronectin receptors from gram-positive  
bacteria.  
AUTHOR(S): Joh, Hyeon J. (1); **House-Pompeo, Karen**; Patti,  
Joseph M.; Gurusiddappa, S.; Hook, Mgnus  
CORPORATE SOURCE: (1) Inst. Biosci. Technol., Texas A and M Univ., Houston,  
TX USA  
SOURCE: Abstracts of the General Meeting of the American Society  
for Microbiology, (1994) Vol. 94, No. 0, pp. 62.  
Meeting Info.: 94th General Meeting of the American Society  
for Microbiology Las Vegas, Nevada, USA May 23-27, 1994  
ISSN: 1060-2011.  
DOCUMENT TYPE: Conference  
LANGUAGE: English

=>

(FILE 'HOME' ENTERED AT 13:03:07 ON 28 FEB 2002)

FILE 'BIOSIS, CABA, CAPLUS, EMBASE, LIFESCI, MEDLINE, SCISEARCH,  
USPATFULL, JAPIO' ENTERED AT 13:05:11 ON 28 FEB 2002

L1	302 S COLLAGEN BINDING PROTEINS
L2	68 S L1 AND ANTIBODIES
L3	40 S L1 AND ANTISERA
L4	23 DUP REM L2 (45 DUPLICATES REMOVED)
L5	10 DUP REM L3 (30 DUPLICATES REMOVED)

L4 ANSWER 1 OF 23 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 2001:713175 CAPLUS

DOCUMENT NUMBER: 135:271897

TITLE: Cross-reactive displacing **antibodies** from  
**collagen-binding proteins**

and method of identification and use

INVENTOR(S): Hook, Magnus; Xu, Yi; Speziale, Pietro; Visai, Livia;  
Casolini, Fabrizia; Patti, Joseph; Patel, Pratiksha;  
Domanski, Paul

PATENT ASSIGNEE(S): Inhibitex, Inc., USA; Texas A + M University System;  
Universita' Degli Studi di Pavia

SOURCE: PCT Int. Appl., 107 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001070267	A1	20010927	WO 2001-US8554	20010319

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,  
CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM,  
HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS,  
LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO,  
RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN,  
YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,  
DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF,  
BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

PRIORITY APPLN. INFO.: US 2000-189968 P 20000317  
US 2000-199370 P 20000425  
US 2000-225402 P 20000815

REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 2 OF 23 USPATFULL

ACCESSION NUMBER: 2001:144913 USPATFULL

TITLE: NOVEL ADHERENCE FACTORS OF NON PATHOGENIC  
MICROORGANISMS AND APPLICATIONS THEREOF FOR SCREENING  
MICROORGANISMS FOR SPECIFIC PROBIOTIC PROPERTIES; NOVEL  
PHARMACEUTICAL COMPOSITIONS AND FOOD ADDITIVES  
COMPRISING SUCH MICROORGANISMS AND ADHERENCE FACTORS

INVENTOR(S): LEER, ROBERT JAN, VOORBURG, Netherlands  
POUWELS, PIETER HENDRIK, RIJSWIJK, Netherlands  
CONWAY, PATRICIA LYNNE, LE PEROUSE NSW, Australia

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2001018048	A1	20010830
APPLICATION INFO.:	US 1998-51755	A1	19980930 (9)
	WO 1996-NL409		19961021
			None PCT 102(e) date

DOCUMENT TYPE: Utility

FILE SEGMENT: APPLICATION

LEGAL REPRESENTATIVE: YOUNG & THOMPSON, 745 SOUTH 23RD STREET 2ND FLOOR,  
ARLINGTON, VA, 22202

NUMBER OF CLAIMS: 39

EXEMPLARY CLAIM: 1

NUMBER OF DRAWINGS: 9 Drawing Page(s)

LINE COUNT: 1329

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 3 OF 23 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.DUPLICATE

1

ACCESSION NUMBER: 2001:397317 BIOSIS  
 DOCUMENT NUMBER: PREV200100397317  
 TITLE: Cell type-dependent collagen-type recognition by cell receptors.  
 AUTHOR(S): Sadofiev, L. A. (1); Nikolaenko, N. S.; Kalmykova, N. V.; Podgornaya, O. I.  
 CORPORATE SOURCE: (1) Institute of Cytology, RAS, Tikhoretsky pr. 4, 194064, St Petersburg Russia  
 SOURCE: Cell Biology International, (2001) Vol. 25, No. 7, pp. 643-648. print.  
 ISSN: 1065-6995.  
 DOCUMENT TYPE: Article  
 LANGUAGE: English  
 SUMMARY LANGUAGE: English

L4 ANSWER 4 OF 23 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 2000:814496 CAPLUS  
 DOCUMENT NUMBER: 133:366397  
 TITLE: **Collagen-binding proteins**  
 from enterococcal bacteria for prevention of infection  
 INVENTOR(S): Rich, Rebecca L.; Kriekemeyer, Bernd; Owens, Richard T.; Hook, Magnus; Murray, Barbara E.; Nallapareddy, Sreedhar R.; Qin, Xiang; Weinstock, George M.; Singh, Kvindra V.; Duh, Ruay-wang  
 PATENT ASSIGNEE(S): The Texas A & M University System, USA; University of Texas Medical School  
 SOURCE: PCT Int. Appl., 148 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000068242	A1	20001116	WO 2000-US12590	20000510
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
EP 1177203	A1	20020206	EP 2000-935885	20000510
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO			

PRIORITY APPLN. INFO.:

US 1999-133334 P 19990510

WO 2000-US12590 W 20000510

REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 5 OF 23 USPATFULL

ACCESSION NUMBER: 1998:42242 USPATFULL  
 TITLE: Cartilage matrix protein and methods for use  
 INVENTOR(S): Goetinck, Paul F., Boston, MA, United States  
 Tondravi, Mehrdad, Marshfield, MA, United States  
 PATENT ASSIGNEE(S): The General Hospital Corporation, Boston, MA, United States (U.S. corporation)

NUMBER KIND DATE

PATENT INFORMATION: US 5741670 19980421  
 APPLICATION INFO.: US 1995-463180 19950605 (8)  
 RELATED APPLN. INFO.: Division of Ser. No. US 1993-6096, filed on 15 Jan 1993, now abandoned which is a continuation-in-part of Ser. No. US 1992-866403, filed on 10 Apr 1992, now abandoned  
 DOCUMENT TYPE: Utility  
 FILE SEGMENT: Granted  
 PRIMARY EXAMINER: Wax, Robert A.  
 ASSISTANT EXAMINER: Nashed, Nashaat T.  
 LEGAL REPRESENTATIVE: Myers, LouisLahive & Cockfield  
 NUMBER OF CLAIMS: 7  
 EXEMPLARY CLAIM: 1  
 NUMBER OF DRAWINGS: 3 Drawing Figure(s); 2 Drawing Page(s)  
 LINE COUNT: 1015  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 6 OF 23 CAPLUS COPYRIGHT 2002 ACS  
 ACCESSION NUMBER: 1997:757033 CAPLUS  
 DOCUMENT NUMBER: 128:47296  
 TITLE: Collagen binding protein compositions and methods of use  
 INVENTOR(S): Hook, Magnus; Patti, Joseph M.; House Pompeo, Karen; Sthanam, Narayana; Symersky, Jindrich  
 PATENT ASSIGNEE(S): Texas A & M University System, USA; Uab Research Foundation; Hook, Magnus; Patti, Joseph M.; House-Pompeo, Karen; Sthanam, Narayana; Symersky, Jindrich  
 SOURCE: PCT Int. Appl., 143 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9743314	A2	19971120	WO 1997-US8210	19970514
WO 9743314	A3	19971224		
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
AU 9731260	A1	19971205	AU 1997-31260	19970514
EP 950068	A2	19991020	EP 1997-926514	19970514
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
US 6288214	B1	20010911	US 1997-856253	19970514
PRIORITY APPLN. INFO.:				
			US 1996-17678	P 19960516
			WO 1997-US8210	W 19970514

L4 ANSWER 7 OF 23 USPATFULL  
 ACCESSION NUMBER: 97:104092 USPATFULL  
 TITLE: Cartilage matrix protein and methods for use  
 INVENTOR(S): Goetinck, Paul F., Boston, MA, United States  
 Tondravi, Mehrdad, Marshfield, MA, United States  
 PATENT ASSIGNEE(S): The General Hospital Corporation, Boston, MA, United States (U.S. corporation)

NUMBER KIND DATE

-----  
PATENT INFORMATION: US 5686059 19971111  
APPLICATION INFO.: US 1995-462128 19950605 (8)  
RELATED APPLN. INFO.: Continuation of Ser. No. US 1993-6096, filed on 15 Jan  
1993, now abandoned which is a continuation-in-part of  
Ser. No. US 1992-866403, filed on 10 Apr 1992, now  
abandoned  
DOCUMENT TYPE: Utility  
FILE SEGMENT: Granted  
PRIMARY EXAMINER: Wax, Robert A.  
ASSISTANT EXAMINER: Nashed, Nashaat T.  
LEGAL REPRESENTATIVE: Myers, LouisLahive & Cockfield  
NUMBER OF CLAIMS: 4  
EXEMPLARY CLAIM: 1  
NUMBER OF DRAWINGS: 3 Drawing Figure(s); 2 Drawing Page(s)  
LINE COUNT: 986  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 8 OF 23 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.DUPLICATE  
2

ACCESSION NUMBER: 1996:533763 BIOSIS  
DOCUMENT NUMBER: PREV199699256119  
TITLE: The alpha-2-beta-1 integrin is a necessary co-receptor for  
collagen-induced activation of Syk and the subsequent  
phosphorylation of phospholipase C-gamma-2 in platelets.  
AUTHOR(S): Keely, Patricia J. (1); Parise, Leslie V.  
CORPORATE SOURCE: (1) Dep. Pharmacol., CB 7365, 1106 FLOB, Univ. North  
Carolina, Chapel Hil, NC 27599 USA  
SOURCE: Journal of Biological Chemistry, (1996) Vol. 271, No. 43,  
pp. 26668-26676.  
ISSN: 0021-9258.  
DOCUMENT TYPE: Article  
LANGUAGE: English

L4 ANSWER 9 OF 23 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.DUPLICATE  
3

ACCESSION NUMBER: 1996:71670 BIOSIS  
DOCUMENT NUMBER: PREV199698643805  
TITLE: Type IV **collagen-binding**  
**proteins** of neutrophils: Possible involvement of  
L-selectin in the neutrophil binding to type IV collagen.  
AUTHOR(S): Iwabuchi, Kazuhisa (1); Nagaoka, Isao; Someya, Akimasa;  
Yamashita, Tatsuhisa  
CORPORATE SOURCE: (1) Dep. Biochem., Sch. Med., Juntendo Univ., Hongo,  
Bunkyo-ku, Tokyo 113 Japan  
SOURCE: Blood, (1996) Vol. 87, No. 1, pp. 365-372.  
ISSN: 0006-4971.  
DOCUMENT TYPE: Article  
LANGUAGE: English

L4 ANSWER 10 OF 23 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.DUPLICATE  
4

ACCESSION NUMBER: 1995:108483 BIOSIS  
DOCUMENT NUMBER: PREV199598122783  
TITLE: Role of **antibodies** against fibronectin-,  
**collagen-binding proteins** and  
alphatoxin in experimental Staphylococcus aureus  
peritonitis and septicaemia in neutropenic mice.  
AUTHOR(S): Rozalska, B.; Wadstrom, T. (1)  
CORPORATE SOURCE: (1) Dep. Med. Microbiol., Univ. Lund, Solvegatan 23, S-223  
62 Lund Sweden  
SOURCE: Zentralblatt fuer Bakteriologie, (1994) Vol. 281, No. 4,  
pp. 495-501.  
ISSN: 0934-8840.

DOCUMENT TYPE: Article  
LANGUAGE: English

L4 ANSWER 11 OF 23 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 1995:573199 CAPLUS  
DOCUMENT NUMBER: 123:6946  
TITLE: Possible role of bacterial cell surface proteins  
capable of binding with laminin and collagen as  
adherence factors in infection  
AUTHOR(S): Kondo, Isamu; Yoshizawa, Yukio; Yamaguchi, Masashi  
CORPORATE SOURCE: Research Center, Taisho Pharmaceutical Co., Ltd.,  
Ohmiya, 330, Japan  
SOURCE: Zentralbl. Bakteriол., Suppl. (1994), 27 (Molecular  
Pathogenesis of Surgical Infections), 145-58  
CODEN: ZBASE2; ISSN: 0941-018X  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L4 ANSWER 12 OF 23 USPATFULL

ACCESSION NUMBER: 93:100503 USPATFULL  
TITLE: Enhanced suturing and means therefor  
INVENTOR(S): Agrez, Michael V., 23 Wrighton Avenue, Bar Beach,  
Newcastle, New South Wales, 2300, Australia

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5266327		19931130
APPLICATION INFO.:	US 1991-653348		19910208 (7)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Page, Thurman K.		
ASSISTANT EXAMINER:	Gardner, Sally		
LEGAL REPRESENTATIVE:	Scully, Scott, Murphy & Presser		
NUMBER OF CLAIMS:	16		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	9 Drawing Figure(s); 5 Drawing Page(s)		
LINE COUNT:	677		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 13 OF 23 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 1993:470153 CAPLUS  
DOCUMENT NUMBER: 119:70153  
TITLE: Protective opsonic activity of **antibodies**  
against fibronectin-binding proteins (FnBPs) of  
Staphylococcus aureus  
AUTHOR(S): Rozalska, B.; Wadstroem, T.  
CORPORATE SOURCE: Dep. Med. Microbiol., Univ. Lund, Lund, S-223 62,  
Swed.  
SOURCE: Scand. J. Immunol. (1993), 37(5), 575-80  
CODEN: SJIMAX; ISSN: 0300-9475  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L4 ANSWER 14 OF 23 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC. DUPLICATE  
5

ACCESSION NUMBER: 1992:188356 BIOSIS  
DOCUMENT NUMBER: BA93:99306  
TITLE: MOLECULAR CHARACTERIZATION AND EXPRESSION OF A GENE  
ENCODING A STAPHYLOCOCCUS-AUREUS COLLAGEN ADHESIN.  
AUTHOR(S): PATTI J M; JONSSONS H; GUSS B; SWITALSKI L M; WIBERG K;  
LINDBERG M; HOOK M  
CORPORATE SOURCE: DEP. BIOCHEM., UNIVERSITY ALABAMA, BIRMINGHAM, ALABAMA  
35294-0005.  
SOURCE: J BIOL CHEM, (1992) 267 (7), 4766-4772.

CODEN: JBCHA3. ISSN: 0021-9258.

FILE SEGMENT: BA; OLD  
LANGUAGE: English

L4 ANSWER 15 OF 23 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.DUPLICATE  
6

ACCESSION NUMBER: 1992:326696 BIOSIS  
DOCUMENT NUMBER: BA94:28537  
TITLE: VLA-2 IS THE INTEGRIN USED AS A COLLAGEN RECEPTOR BY  
LEUKOCYTES.  
AUTHOR(S): GOLDMAN R; HARVEY J; HOGG N  
CORPORATE SOURCE: IMPERIAL CANCER RES. FUND LINCOLN'S INN FIELDS, LONDON WC2A  
3PX, GREAT BRITAIN.  
SOURCE: EUR J IMMUNOL, (1992) 22 (5), 1109-1114.  
CODEN: EJIMAF. ISSN: 0014-2980.  
FILE SEGMENT: BA; OLD  
LANGUAGE: English

L4 ANSWER 16 OF 23 CABA COPYRIGHT 2002 CABI DUPLICATE 7

ACCESSION NUMBER: 94:74807 CABA  
DOCUMENT NUMBER: 940803861  
TITLE: Entamoeba histolytica **collagen**  
**binding proteins**  
AUTHOR: Rosales-Encina, J. L.; Campos-Salazar, M. S.;  
Rojkind Matluk, M.  
CORPORATE SOURCE: Departamento de Patologia Experimental,  
CINVESTAV-IPN, Mexico, DF.  
SOURCE: Archives of Medical Research, (1992) Vol. 23, No. 2,  
pp. 109-113. 19 ref.  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L4 ANSWER 17 OF 23 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.DUPLICATE  
8

ACCESSION NUMBER: 1990:157424 BIOSIS  
DOCUMENT NUMBER: BA89:84842  
TITLE: LAMININ INTERACTIONS WITH DUCTAL PANCREATIC ADENOCARCINOMA  
CELLS IDENTIFICATION OF LAMININ AND **COLLAGEN-**  
**BINDING PROTEINS.**  
AUTHOR(S): MAI M; BRUNE K; JACOBY B; KERN H F; MOLLENHAUER J  
CORPORATE SOURCE: INST. PHARMACOL. AND TOXICOL., UNIV. ERLANGEN-NUERNBERG,  
D-8520 ERLANGEN, FRG.  
SOURCE: J CELL SCI, (1990) 95 (1), 65-74.  
CODEN: JNCSAI. ISSN: 0021-9533.  
FILE SEGMENT: BA; OLD  
LANGUAGE: English

L4 ANSWER 18 OF 23 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 1989:569577 CAPLUS  
DOCUMENT NUMBER: 111:169577  
TITLE: The identification and characterization of collagen  
receptors involved in HeLa cell-substratum adhesion  
AUTHOR(S): Lu, Michael L.; Beacham, Dorothy A.; Jacobson, Bruce  
S.  
CORPORATE SOURCE: Dep. Biochem., Univ. Massachusetts, Amherst, MA,  
01003, USA  
SOURCE: J. Biol. Chem. (1989), 264(23), 13546-58  
CODEN: JBCHA3; ISSN: 0021-9258  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L4 ANSWER 19 OF 23 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.DUPLICATE  
9

ACCESSION NUMBER: 1990:172987 BIOSIS



DOCUMENT NUMBER: BA89:90157  
TITLE: EMBRYONIC CHICKEN FIBROBLAST **COLLAGEN**  
**BINDING PROTEINS** DISTRIBUTION ROLE IN  
SUBSTRATUM ADHESION AND RELATIONSHIP TO INTEGRINS.  
AUTHOR(S): OGLE R C; POTTS A J; YACOE M; LITTLE C D  
CORPORATE SOURCE: DEP. ANAT. CELL BIOL., SCH. MED., BOX 439, MED. CENT.,  
UNIV. VA., CHARLOTTESVILLE, VA 22703, USA.  
SOURCE: J CELL SCI, (1989) 94 (2), 361-370.  
CODEN: JNCSAI. ISSN: 0021-9533.  
FILE SEGMENT: BA; OLD  
LANGUAGE: English

L4 ANSWER 20 OF 23 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.DUPLICATE  
10

ACCESSION NUMBER: 1988:458762 BIOSIS  
DOCUMENT NUMBER: BA86:100481  
TITLE: ISOLATION OF NONCOLLAGENOUS PROTEINS FROM GINGIVAL  
CONNECTIVE TISSUE.  
AUTHOR(S): SCHLAGENHAUF U; NARAYANAN A S; PAGE R C  
CORPORATE SOURCE: DEP. PATHOL. SM 30, UNIV. WASH., SEATTLE, WASH. 98195, USA.  
SOURCE: J DENT RES, (1988) 67 (8), 1109-1113.  
CODEN: JDREAF. ISSN: 0022-0345.  
FILE SEGMENT: BA; OLD  
LANGUAGE: English

L4 ANSWER 21 OF 23 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.DUPLICATE  
11

ACCESSION NUMBER: 1989:51337 BIOSIS  
DOCUMENT NUMBER: BA87:27337  
TITLE: IDENTIFICATION AND ISOLATION OF TRYPANOSOMA-CRUZI  
TRYPOMASTIGOTE **COLLAGEN-BINDING**  
**PROTEINS** POSSIBLE ROLE IN CELL-PARASITE  
INTERACTION.  
AUTHOR(S): VELGE P; OUAISSI M A; CORNETTE J; AFCHAIN D; CAPRON A  
CORPORATE SOURCE: CENT. D'IMMUNOL. BIOL. PARASITAIRE, UNITE MIXTE INSERM U  
167 - CNRS 624, INST. PASTEUR, 1 RUE DU PROFESSEUR A.  
CALMETTE, 59019-LILLE CEDEX, FRANCE.  
SOURCE: PARASITOLOGY, (1988) 97 (2), 255-268.  
CODEN: PARAAE. ISSN: 0031-1820.  
FILE SEGMENT: BA; OLD  
LANGUAGE: English

L4 ANSWER 22 OF 23 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.DUPLICATE  
12

ACCESSION NUMBER: 1988:354872 BIOSIS  
DOCUMENT NUMBER: BA86:50350  
TITLE: **COLLAGEN-BINDING PROTEINS** OF  
RAT MAMMARY TUMOR EPITHELIAL CELLS A BIOCHEMICAL AND  
IMMUNOLOGICAL STUDY.  
AUTHOR(S): WIRL G; PFAFFLE M  
CORPORATE SOURCE: INST. MOLEKULARBIOLOGIE OSTERREICHISCHEN AKADEMIE  
WISSENSCHAFTEN, ABT. BIOLOGIE, A-5020 SALZBURG,  
BILLROTHSTRASSE 11; AUSTRIA.  
SOURCE: EXP CELL RES, (1988) 176 (1), 20-37.  
CODEN: ECREAL. ISSN: 0014-4827.  
FILE SEGMENT: BA; OLD  
LANGUAGE: English

L4 ANSWER 23 OF 23 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.DUPLICATE  
13

ACCESSION NUMBER: 1987:300400 BIOSIS  
DOCUMENT NUMBER: BA84:30432  
TITLE: **COLLAGEN-BINDING PROTEINS**  
SECRETED BY TYPE II PNEUMOCYTES IN CULTURE.

AUTHOR(S): CROUCH E; LONGMORE W  
CORPORATE SOURCE: DEP. PATHOL., JEWISH HOSP., 216 S. KINGSHIGHWAY, ST. LOUIS,  
MO 63110, U.S.A.  
SOURCE: BIOCHIM BIOPHYS ACTA, (1987) 924 (1), 81-86.  
CODEN: BBACAQ. ISSN: 0006-3002.  
FILE SEGMENT: BA; OLD  
LANGUAGE: English

=>

L4 ANSWER 1 OF 8 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.  
 ACCESSION NUMBER: 1992:188356 BIOSIS  
 DOCUMENT NUMBER: BA93:99306  
 TITLE: MOLECULAR CHARACTERIZATION AND EXPRESSION OF A GENE  
 ENCODING A **STAPHYLOCOCCUS-AUREUS**  
 COLLAGEN ADHESIN.  
 AUTHOR(S): PATTI J M; JONSSONS H; GUSS B; SWITALSKI L M; WIBERG K;  
 LINDBERG M; HOOK M  
 CORPORATE SOURCE: DEP. BIOCHEM., UNIVERSITY ALABAMA, BIRMINGHAM, ALABAMA  
 35294-0005.  
 SOURCE: J BIOL CHEM, (1992) 267 (7), 4766-4772.  
 CODEN: JBCHA3. ISSN: 0021-9258.  
 FILE SEGMENT: BA; OLD  
 LANGUAGE: English

L4 ANSWER 2 OF 8 CAPLUS COPYRIGHT 2002 ACS  
 ACCESSION NUMBER: 2001:713175 CAPLUS  
 DOCUMENT NUMBER: 135:271897  
 TITLE: Cross-reactive displacing antibodies from  
**collagen-binding proteins**  
 and method of identification and use  
 INVENTOR(S): Hook, Magnus; Xu, Yi; Speziale, Pietro; Visai, Livia;  
 Casolini, Fabrizia; Patti, Joseph; Patel, Pratiksha;  
 Domanski, Paul  
 PATENT ASSIGNEE(S): Inhibitex, Inc., USA; Texas A + M University System;  
 Universita' Degli Studi di Pavia  
 SOURCE: PCT Int. Appl., 107 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001070267	A1	20010927	WO 2001-US8554	20010319
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
PRIORITY APPLN. INFO.:			US 2000-189968	P 20000317
			US 2000-199370	P 20000425
			US 2000-225402	P 20000815
REFERENCE COUNT:	4	THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT		

L4 ANSWER 3 OF 8 CAPLUS COPYRIGHT 2002 ACS  
 ACCESSION NUMBER: 2000:814496 CAPLUS  
 DOCUMENT NUMBER: 133:366397  
 TITLE: **Collagen-binding proteins**  
 from enterococcal bacteria for prevention of infection  
 INVENTOR(S): Rich, Rebecca L.; Kriekemeyer, Bernd; Owens, Richard  
 T.; Hook, Magnus; Murray, Barbara E.; Nallapareddy,  
 Sreedhar R.; Qin, Xiang; Weinstock, George M.; Singh,  
 Kvindra V.; Duh, Ruay-wang  
 PATENT ASSIGNEE(S): The Texas A & M University System, USA; University of  
 Texas Medical School  
 SOURCE: PCT Int. Appl., 148 pp.  
 CODEN: PIXXD2

DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000068242	A1	20001116	WO 2000-US12590	20000510

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM  
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

PRIORITY APPLN. INFO.: US 1999-133334 P 19990510  
REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 4 OF 8 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 1997:757033 CAPLUS

DOCUMENT NUMBER: 128:47296

TITLE: Collagen binding protein compositions and methods of use

INVENTOR(S): Hook, Magnus; Patti, Joseph M.; House Pompeo, Karen; Sthanam, Narayana; Symersky, Jindrich

PATENT ASSIGNEE(S): Texas A & M University System, USA; Uab Research Foundation; Hook, Magnus; Patti, Joseph M.; House-Pompeo, Karen; Sthanam, Narayana; Symersky, Jindrich

SOURCE: PCT Int. Appl., 143 pp.  
CODEN: PIXXD2

DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9743314	A2	19971120	WO 1997-US8210	19970514
WO 9743314	A3	19971224		

W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM  
RW: GH, KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG

AU 9731260	A1	19971205	AU 1997-31260	19970514
EP 950068	A2	19991020	EP 1997-926514	19970514

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI

US 6288214 B1 20010911 US 1997-856253 19970514  
PRIORITY APPLN. INFO.: US 1996-17678 P 19960516  
WO 1997-US8210 W 19970514

L4 ANSWER 5 OF 8 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 1993:163505 CAPLUS

DOCUMENT NUMBER: 118:163505

TITLE: Molecular characterization and expression of a gene encoding a **Staphylococcus aureus**

collagen adhesin  
AUTHOR(S): Patti, Joseph M.; Jonsson, Hans; Guss, Bengt;  
Switalski, Lech M.; Wiberg, Kristina; Lindberg,  
Martin; Hook, Magnus  
CORPORATE SOURCE: Dep. Biochem., Univ. Alabama, Birmingham, AL,  
35294-0005, USA  
SOURCE: J. Biol. Chem. (1992), 267(7), 4766-72  
CODEN: JBCHA3; ISSN: 0021-9258  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L4 ANSWER 6 OF 8 EMBASE COPYRIGHT 2002 ELSEVIER SCI. B.V.  
ACCESSION NUMBER: 92304017 EMBASE  
DOCUMENT NUMBER: 1992304017  
TITLE: Molecular characterization and expression of a gene  
encoding a **Staphylococcus aureus**  
collagen adhesin.  
AUTHOR: Patti J.M.; Jonsson H.; Guss B.; Switalski L.M.; Wiberg K.;  
Lindberg M.; Hook M.  
CORPORATE SOURCE: Department of Biochemistry, University of  
Alabama, Birmingham, AL 35294-0005, United States  
SOURCE: Journal of Biological Chemistry, (1992) 267/7 (4766-4772).  
ISSN: 0021-9258 CODEN: JBCHA3  
COUNTRY: United States  
DOCUMENT TYPE: Journal; Article  
FILE SEGMENT: 004 Microbiology  
LANGUAGE: English  
SUMMARY LANGUAGE: English

L4 ANSWER 7 OF 8 MEDLINE  
ACCESSION NUMBER: 92165839 MEDLINE  
DOCUMENT NUMBER: 92165839 PubMed ID: 1311320  
TITLE: Molecular characterization and expression of a gene  
encoding a **Staphylococcus aureus**  
collagen adhesin.  
COMMENT: Erratum in: J Biol Chem 1994 Apr 15;269(15):11672  
AUTHOR: Patti J M; Jonsson H; Guss B; Switalski L M; Wiberg K;  
Lindberg M; Hook M  
CORPORATE SOURCE: Department of Biochemistry, University of Alabama,  
Birmingham 35294-0005.  
CONTRACT NUMBER: A12062 (NHLBI)  
HL47313  
SOURCE: JOURNAL OF BIOLOGICAL CHEMISTRY, (1992 Mar 5) 267 (7)  
4766-72.  
Journal code: HIV; 2985121R. ISSN: 0021-9258.  
PUB. COUNTRY: United States  
Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
OTHER SOURCE: GENBANK-L01674; GENBANK-L01675; GENBANK-L01676;  
GENBANK-L01677; GENBANK-M81736; GENBANK-M83325;  
GENBANK-M83326; GENBANK-M83327; GENBANK-M83328;  
GENBANK-M83368  
ENTRY MONTH: 199204  
ENTRY DATE: Entered STN: 19920417  
Last Updated on STN: 19950206  
Entered Medline: 19920402

L4 ANSWER 8 OF 8 SCISEARCH COPYRIGHT 2002 ISI (R)  
ACCESSION NUMBER: 92:136894 SCISEARCH  
THE GENUINE ARTICLE: HF642  
TITLE: MOLECULAR CHARACTERIZATION AND EXPRESSION OF A GENE  
ENCODING A **STAPHYLOCOCCUS-AUREUS**  
COLLAGEN ADHESIN

AUTHOR: PATTI J M (Reprint); JONSSON H; GUSS B; SWITALSKI L M;  
WIBERG K; LINDBERG M; HOOK M  
CORPORATE SOURCE: UNIV ALABAMA, DEPT BIOCHEM, BIRMINGHAM, AL, 35294  
(Reprint); UNIV ALABAMA, DEPT MICROBIOL, BIRMINGHAM, AL,  
35294; SWEDISH UNIV AGR SCI, DEPT MICROBIOL, S-75007  
UPPSALA, SWEDEN  
COUNTRY OF AUTHOR: USA; SWEDEN  
SOURCE: JOURNAL OF BIOLOGICAL CHEMISTRY, (05 MAR 1992) Vol. 267,  
No. 7, pp. 4766-4772.  
ISSN: 0021-9258.  
DOCUMENT TYPE: Article; Journal  
FILE SEGMENT: LIFE  
LANGUAGE: ENGLISH  
REFERENCE COUNT: 39  
\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

=>

2 ANSWER 1 OF 11 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.  
 ACCESSION NUMBER: 1999:483536 BIOSIS  
 DOCUMENT NUMBER: PREV199900483536  
 TITLE: Ace is a collagen-binding MSCRAMM from *Enterococcus faecalis*.  
 AUTHOR(S): Rich, Rebecca L.; Kreikemeyer, Bernd; Owens, Rick T.; LaBrenz, Steven; Narayana, Sthanam V. L.; Weinstock, George M.; Murray, Barbara E.; Hook, Magnus (1)  
 CORPORATE SOURCE: (1) Center for Extracellular Matrix Biology, Institute of Biosciences and Technology, Texas A and M University, Houston, TX, 77030 USA  
 SOURCE: Journal of Biological Chemistry, (Sept. 17, 1999) Vol. 274, No. 38, pp. 26939-26945.  
 ISSN: 0021-9258.  
 DOCUMENT TYPE: Article  
 LANGUAGE: English  
 SUMMARY LANGUAGE: English

L2 ANSWER 2 OF 11 CAPLUS COPYRIGHT 2002 ACS  
 ACCESSION NUMBER: 2001:713175 CAPLUS  
 DOCUMENT NUMBER: 135:271897  
 TITLE: Cross-reactive displacing antibodies from collagen-binding proteins and method of identification and use  
 INVENTOR(S): Hook, Magnus; Xu, Yi; Speziale, Pietro; Visai, Livia; Casolini, Fabrizia; Patti, Joseph; Patel, Pratiksha; Domanski, Paul  
 PATENT ASSIGNEE(S): Inhibitex, Inc., USA; Texas A + M University System; Universita' Degli Studi di Pavia  
 SOURCE: PCT Int. Appl., 107 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001070267	A1	20010927	WO 2001-US8554	20010319
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
PRIORITY APPLN. INFO.:			US 2000-189968	P 20000317
			US 2000-199370	P 20000425
			US 2000-225402	P 20000815
REFERENCE COUNT:	4	THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT		

L2 ANSWER 3 OF 11 CAPLUS COPYRIGHT 2002 ACS  
 ACCESSION NUMBER: 1999:622733 CAPLUS  
 DOCUMENT NUMBER: 131:333642  
 TITLE: Ace is a collagen-binding MSCRAMM from *Enterococcus faecalis*  
 AUTHOR(S): Rich, Rebecca L.; Kreikemeyer, Bernd; Owens, Rick T.; LaBrenz, Steven; Narayana, Sthanam V. L.; Weinstock, George M.; Murray, Barbara E.; Hook, Magnus  
 CORPORATE SOURCE: Center for Extracellular Matrix Biology, Institute of Biosciences and Technology, Texas A and M University,





AUTHOR: Rich, R.L.; Kreikemeyer, B.; Owens, R.T.; LaBrenz, S.;  
Narayana, S.V.L.; Weinstock, G.M.; Murray, B.E.; Hoeoek, M.  
CORPORATE SOURCE: Center for Extracellular Matrix Biology Institute of  
Biosciences and Technology, Texas A&M University, Houston  
Texas 77030  
SOURCE: Journal of Biological Chemistry [J. Biol. Chem.], (19990917  
) vol. 274, no. 38, pp. 26939-26945.  
ISSN: 0021-9258.  
DOCUMENT TYPE: Journal  
FILE SEGMENT: J  
LANGUAGE: English  
SUMMARY LANGUAGE: English.

L2 ANSWER 8 OF 11 MEDLINE  
ACCESSION NUMBER: 1999410431 MEDLINE  
DOCUMENT NUMBER: 99410431 PubMed ID: 10480905  
TITLE: Ace is a collagen-binding MSCRAMM from Enterococcus  
faecalis.  
AUTHOR: Rich R L; Kreikemeyer B; Owens R T; LaBrenz S; Narayana S  
V; Weinstock G M; Murray B E; Hook M  
CORPORATE SOURCE: Center for Extracellular Matrix Biology, Institute of  
Biosciences and Technology, Texas A&M University, Houston,  
Texas 77030, USA.  
CONTRACT NUMBER: AR44415 (NIAMS)  
SOURCE: JOURNAL OF BIOLOGICAL CHEMISTRY, (1999 Sep 17) 274 (38)  
26939-45.  
Journal code: HIV; 2985121R. ISSN: 0021-9258.  
PUB. COUNTRY: United States  
Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
OTHER SOURCE: GENBANK-AF159247  
ENTRY MONTH: 199910  
ENTRY DATE: Entered STN: 19991026  
Last Updated on STN: 19991026  
Entered Medline: 19991013

L2 ANSWER 9 OF 11 SCISEARCH COPYRIGHT 2002 ISI (R)  
ACCESSION NUMBER: 1999:719880 SCISEARCH  
THE GENUINE ARTICLE: 235YD  
TITLE: Ace is a collagen-binding MSCRAMM from Enterococcus  
faecalis  
AUTHOR: Rich R L; Kreikemeyer B; Owens R T; LaBrenz S; Narayana S  
V L; Weinstock G M; Murray B E; Hook M (Reprint)  
CORPORATE SOURCE: TEXAS A&M UNIV, INST BIOSCI & TECHNOL, CTR EXTRACELLULAR  
MATRIX BIOL, HOUSTON, TX 77030 (Reprint); TEXAS A&M UNIV,  
INST BIOSCI & TECHNOL, CTR EXTRACELLULAR MATRIX BIOL,  
HOUSTON, TX 77030; UNIV ALABAMA, CTR MACROMOL CRYSTALLOG,  
BIRMINGHAM, AL 35294; UNIV TEXAS, SCH MED, DEPT MICROBIOL  
& MOL GENET, HOUSTON, TX 77030; UNIV TEXAS, SCH MED, CTR  
STUDY EMERGING & REEMERGING PATHOGENS, HOUSTON, TX 77030;  
UNIV TEXAS, SCH MED, DEPT INTERNAL MED, DIV INFECT DIS,  
HOUSTON, TX 77030  
COUNTRY OF AUTHOR: USA  
SOURCE: JOURNAL OF BIOLOGICAL CHEMISTRY, (17 SEP 1999) Vol. 274,  
No. 38, pp. 26939-26945.  
Publisher: AMER SOC BIOCHEMISTRY MOLECULAR BIOLOGY INC,  
9650 ROCKVILLE PIKE, BETHESDA, MD 20814.  
ISSN: 0021-9258.  
DOCUMENT TYPE: Article; Journal  
FILE SEGMENT: LIFE  
LANGUAGE: English  
REFERENCE COUNT: 28

\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L2 ANSWER 10 OF 11 USPATFULL

ACCESSION NUMBER: 2000:138059 USPATFULL  
TITLE: Methods for testing biological network models  
INVENTOR(S): Stoughton, Roland, San Diego, CA, United States  
Karp, Richard M., Seattle, WA, United States  
PATENT ASSIGNEE(S): Rosetta Inpharmatics, Inc., Kirkland, WA, United States  
(U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6132969		20001017
APPLICATION INFO.:	US 1998-99722		19980619 (9)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Brusca, John S.		
LEGAL REPRESENTATIVE:	Pennie & Edmonds LLP		
NUMBER OF CLAIMS:	65		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	19 Drawing Figure(s); 12 Drawing Page(s)		
LINE COUNT:	4107		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 11 OF 11 USPATFULL

ACCESSION NUMBER: 1998:22197 USPATFULL  
TITLE: Calcineurin interacting protein compositions and methods  
INVENTOR(S): Huang, Laiqiang, Mountain View, CA, United States  
Cyert, Martha S., Palo Alto, CA, United States  
PATENT ASSIGNEE(S): The Board of Trustees of the Leland Stanford Junior  
University, Palo Alto, CA, United States (U.S.  
corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5723436		19980303
APPLICATION INFO.:	US 1994-328322		19941024 (8)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Knode, Marian C.		
ASSISTANT EXAMINER:	Gucker, Stephen		
LEGAL REPRESENTATIVE:	Dehlinger & Associates		
NUMBER OF CLAIMS:	2		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	38 Drawing Figure(s); 11 Drawing Page(s)		
LINE COUNT:	2130		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.